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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

First Inventor

MCCARTY

Title

AN ANTI-SPALLING COMBINATION ON AN IMPACT  
TOOL ...

Express Mail Label No.

ET754316033US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages **29**]  
(preferred arrangement set forth below)
- Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure

4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets **10**]

5. Oath or Declaration [Total Pages **3**]

- a. ☒ Newly executed (original or copy)  
Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)
- b. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).

6. ☐ Application Data Sheet. See 37 CFR 1.76

## ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or  
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
  - ii. ☐ paper
- c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☐ Power of  
(when there is an assignee) Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure ☐ Copies of IDS  
Statement (IDS)/PTO-1449 Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35  
or its equivalent.
17. ☐ Other: .....

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☒ Continuation-in-part (CIP)

of prior application No.: **601,367,198**

Prior application information:

Examiner:

Group Art Unit:

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label

(Insert Customer Number or Bar Code Label here)

or

☐ Correspondence address below

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Registration No. (Attorney/Agent)

34,926

Signature

*Brooke Schumm III*

Date

07/23/2003

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

19587 U.S. PTO  
10/625149

07/23/03

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**FEE TRANSMITTAL**  
**for FY 2003**

Effective 01/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)

**Complete if Known**

Application Number

Filing Date

First Named Inventor

Examiner Name

Art Unit

Attorney Docket No.

**METHOD OF PAYMENT (check all that apply)**☐ Check ☒ Credit card ☐ Money Order ☐ Other ☐ None☐ Deposit Account:Deposit  
Account  
Number  
Deposit  
Account  
Name

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Credit any overpayments☐ Charge any additional fee(s) during the pendency of this application☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

| Large Entity<br>Fee Code (\$) | Small Entity<br>Fee Code (\$) | Fee Description        | Fee Paid |
|-------------------------------|-------------------------------|------------------------|----------|
| 1001 750                      | 2001 375                      | Utility filing fee     | 375      |
| 1002 330                      | 2002 165                      | Design filing fee      |          |
| 1003 520                      | 2003 260                      | Plant filing fee       |          |
| 1004 750                      | 2004 375                      | Reissue filing fee     |          |
| 1005 160                      | 2005 80                       | Provisional filing fee |          |

SUBTOTAL (1) (\$) 375

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

| Total Claims       | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| 122                | -20** = 102  | 9              | 918      |
| Independent Claims | 9            | -3** = 6       | 42       |
| Multiple Dependent |              |                |          |

| Large Entity<br>Fee Code (\$) | Small Entity<br>Fee Code (\$) | Fee Description  |
|-------------------------------|-------------------------------|--|
| 1202 18                       | 2202 9                        | Claims in excess of 20                                     |
| 1201 84                       | 2201 42                       | Independent claims in excess of 3                          |
| 1203 280                      | 2203 140                      | Multiple dependent claim, if not paid                      |
| 1204 84                       | 2204 42                       | ** Reissue independent claims over original patent         |
| 1205 18                       | 2205 9                        | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$) 1170

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Small Entity

| Fee Code (\$) | Fee Code (\$) | Fee Code (\$) | Fee Code (\$) | Fee Description  | Fee Paid |
|---------------|---------------|---------------|---------------|--|----------|
| 1051 130      | 2051 65       | 1052 50       | 2052 25       | Surcharge - late filing fee or oath  |          |
| 1053 130      | 1053 130      | 1812 2,520    | 1812 2,520    | Surcharge - late provisional filing fee or cover sheet                     |          |
| 1804 920*     | 1804 920*     | 1805 1,840*   | 1805 1,840*   | Non-English specification  |          |
| 1251 110      | 2251 55       | 1252 410      | 2252 205      | For filing a request for <i>ex parte</i> reexamination                     |          |
| 1253 930      | 2253 465      | 1254 1,450    | 2254 725      | Requesting publication of SIR prior to Examiner action                     |          |
| 1255 1,970    | 2255 985      | 1401 320      | 2401 160      | Requesting publication of SIR after Examiner action                        |          |
| 1402 320      | 2402 160      | 1403 280      | 2403 140      | Extension for reply within first month                                     |          |
| 1451 1,510    | 1451 1,510    | 1452 110      | 2452 55       | Extension for reply within second month                                    |          |
| 1453 1,300    | 2453 650      | 1501 1,300    | 2501 650      | Extension for reply within third month                                     |          |
| 1502 470      | 2502 235      | 1503 630      | 2503 315      | Extension for reply within fourth month                                    |          |
| 1460 130      | 1460 130      | 1807 50       | 1807 50       | Extension for reply within fifth month                                     |          |
| 1806 180      | 1806 180      | 8021 40       | 8021 40       | Notice of Appeal   |          |
| 1809 750      | 2809 375      | 1810 750      | 2810 375      | Filing a brief in support of an appeal                                     |          |
| 1801 750      | 2801 375      | 1802 900      | 1802 900      | Request for oral hearing   |          |
| 1802 900      | 1802 900      |               |               | Petition to institute a public use proceeding                              |          |
|               |               |               |               | Petition to revive - unavoidable   |          |
|               |               |               |               | Petition to revive - unintentional   |          |
|               |               |               |               | Utility issue fee (or reissue)   |          |
|               |               |               |               | Design issue fee   |          |
|               |               |               |               | Plant issue fee  |          |
|               |               |               |               | Petitions to the Commissioner  |          |
|               |               |               |               | Processing fee under 37 CFR 1.17(q)  |          |
|               |               |               |               | Submission of Information Disclosure Stmt                                  |          |
|               |               |               |               | Recording each patent assignment per property (times number of properties) |          |
|               |               |               |               | Filing a submission after final rejection (37 CFR 1.129(a))                |          |
|               |               |               |               | For each additional invention to be examined (37 CFR 1.129(b))             |          |
|               |               |               |               | Request for Continued Examination (RCE)                                    |          |
|               |               |               |               | Request for expedited examination of a design application                  |          |

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

**SUBMITTED BY**

(Complete if applicable)

|                   |                   |                                   |           |           |            |
|-------------------|-------------------|-----------------------------------|-----------|-----------|------------|
| Name (Print/Type) | Brooke Schumm III | Registration No. (Attorney/Agent) | 34,926    | Telephone | 4106494761 |
| Signature         | Brooke Schumm III | Date                              | 7/23/2003 |           |            |

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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